

DATA REQUIREMENTS DOCUMENT

*Real Estate Assessment Center
Resident Assessment Subsystem (RASS)
Release 8.4.0.0*

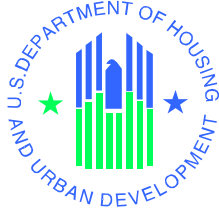
U.S. Department of Housing and Urban Development

Version 1

July 20, 2004

Revision Sheet

Release No.	Date	Revision Description
Rev. 1		Final Version
Rev. 1.1	07/08/2004	Internal Team Review
Rev. 1.0	06/23/2004	Initial document



Data Requirements Document Authorization Memorandum

I have carefully assessed the Data Requirements Document for the Resident Assessment Subsystem (RASS) Release 8.4.0.0. This document has been completed in accordance with the requirements of the HUD System Development Methodology.

MANAGEMENT CERTIFICATION - Please check the appropriate statement.

_____ The document is accepted.

_____ The document is accepted pending the changes noted.

_____ The document is not accepted.

We fully accept the changes as needed improvements and authorize initiation of work to proceed. Based on our authority and judgment, the continued operation of this system is authorized.

Delton Nichols
RASS Project Manager

DATE

Yangja Lee
RASS GTM/IT Manager

DATE

DATA REQUIREMENTS DOCUMENT

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1.0 GENERAL INFORMATION

1.0 General Information

1 GENERAL INFORMATION

1.1 Purpose

The Resident Assessment Subsystem (RASS) System Development Methodology (SDM) Data Requirements Document for Release 8.4.0.0 is one of four Housing and Urban Development (HUD) SDM Define Phase deliverable documents required from the RASS Team. This SDM Define Phase deliverables includes the System Support and Acquisition Plan, the Functional Requirements Document, the Data Requirements Document and the Security and Privacy Plan.

This document outlines Data Requirements for RASS Release 8.4.0.0. This release will include: the new window for Implementation Plan activities dates, the capability to assign the last year's score will be provided to the business users, two new reports will be created, and six existing reports will be modified.

1.2 Scope

RASS Release 8.4.0.0 will expand on RASS Release 8.3.0.0 functionality and will be implemented by December 17, 2004. The following table describes the functionality to be implemented.

New Capabilities (High Level)
1. Update the RASS Implementation Plan Activity functionality to ensure that PHAs perform activities to implement the survey close to the defined Implementation Plan window.
2. Create an At-risk PHA report to pull up a list of PHAs for a selected field office that are at risk of failing RASS.
3. Enhance the scoring process to provide the capability to automatically assign last year's survey scores for a selected PHA.

Upgraded Capabilities (High Level)
4. Update reports to support the changes to the PHAS regulation such as the Small PHA Deregulation Rule and FYE changes.
5. Expand the Demographic report to display PHA level survey section scores by a resident's age and gender.
6. Enhance the PHA History Report to display the total number of units, the number of low rent units, the number of Section 8 units, the number of occupied units for a PHA and update the Follow-up Plan certification information column to display "Not Required" if the Follow-Up Plan certification is not required.

Elimination of Deficiencies
7. Standardize the RASS Component access dates by implementing the same logic for inserting the certification window dates and the logic for verification against that dates for all three components.
8. Fix the undeliverable address count calculation on the Required Survey Size Threshold Report to only display the counts for selected FYE.
9. Fix the Comment functionality on the Review Approve PHA Scores report to work with special characters.

Elimination/Reduction of Capabilities No Longer Needed
10. Update the RASS on-line system to remove the consortia functionality as the calculation of a consortia PHA's score is being moved outside the PIH-REAC's Secure Systems.

1.0 General Information

1.3 System Overview

The following table identifies the system environment for RASS Release 8.3.0.0.

System Environment	
System	Real Estate Assessment Center System (REACS)
Subsystem	Resident Assessment Subsystem (RASS).
Sponsor	Public and Indian Housing – Real Estate Assessment Center (REAC)
PCAS	00307680
System Code	P089
System Category	Major
Operational Status	Operational
System Environment	Web Based
Requirements	Quality Software Services, Inc. (QSSI)
Design	QSSI
Development	QSSI
System and Integration Testing	QSSI
User Acceptance Testing	HUD RASS Client Team
Deployment	QSSI with REAC DCG (Paradigm Soln./ Booz-Allen & Hamilton)
Maintenance	QSSI

The following table identifies and briefly describes the different users of RASS.

User Environment	
REAC RASS Business Support Team	The REAC RASS Business Support Team uses RASS to view PHA and development-level scoring and certification reports and Multifamily Survey result information. The team also uses the system to complete the various processes (Unit Address Sampling; Implementation Plan; Survey and Follow-up Plan Scoring; RASS Score Approval) required during resident assessment.
Public Housing Agency (PHA)	PHA(s) use RASS to participate annually in the Resident Assessment process. PHA(s) certify their unit addresses, complete an Implementation Plan for resident notification about the annual resident survey process, and complete a Follow-up Plan outlining sources of funding and dates to be completed for required areas (low-scoring survey sections) identified by the resident survey results. PHA(s) may also use the system to view survey result and resident response rate information.
Survey Administrator	After the sampling program has generated a file of units to be surveyed, RASS downloads the sample file to the Survey Administrator. The Survey Administrator distributes the RASS survey to the units indicated in the sample file. Once the Survey Administrator collects and analyzes survey data, the survey results and response rate information are uploaded in RASS from the Survey Administrator so that PHA(s) and Multifamily Owners/Agents may view this information.

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User Environment	
Multifamily (MF) Owners/Agents	MF Owners/Agents use RASS to view survey result information for their assigned properties.
Other HUD Users (includes HUD PIH Field Offices)	All other HUD users have read-only access to RASS in order to review PHA and Multifamily Housing development or property level survey result information.

1.4 Project References

The following documents are available to provide a comprehensive understanding of the resident assessment process. Most documents are available via the REAC Document Library.

Release 8.4.0.0
"RASS Release 8.4.0.0 Needs Statement", QSSI, 06/30/2004
"RASS Release 8.4.0.0 Project Plan", QSSI, 06/30/2004
"RASS Release 8.4.0.0 Feasibility Study", QSSI, 06/30/2004
"RASS Release 8.4.0.0 Cost/Benefit Analysis", QSSI, 06/30/2004
"RASS Release 8.4.0.0 System Decision Paper", QSSI, 06/30/2004
"RASS Release 8.4.0.0 Risk Analysis", QSSI, 06/30/2004

Release 8.3.0.0
"RASS Release 8.3.0.0 User's Manual", QSSI, 06/11/04
"RASS Release 8.3.0.0 Maintenance Manual", QSSI, 06/11/04
"RASS Release 8.3.0.0 Operations Manual", QSSI, 06/11/04
"RASS Release 8.3.0.0 System Test Results and Evaluation Report", QSSI, 4/15/04
"RASS Release 8.3.0.0 Validation, Verification, and Testing Plan", QSSI, 03/16/04
"RASS Release 8.3.0.0 Training Plan", QSSI, 03/16/04
"RASS Release 8.3.0.0 System-Subsystem Specifications", QSSI, 03/16/04
"RASS Release 8.3.0.0 Program Specifications", QSSI, 03/16/04
"RASS Release 8.3.0.0 Database Specification", QSSI, 03/16/04
"RASS Release 8.3.0.0 Unit Test Plan", QSSI, 03/09/04
"RASS Release 8.3.0.0 Data Requirements Document", QSSI, 12/19/03.
"RASS Release 8.3.0.0 Functional Requirements Document", QSSI, 12/19/03.
"RASS Release 8.3.0.0 System Support & Acquisition Plan", QSSI, 12/19/03.
"RASS Release 8.3.0.0 System Security & Privacy Plan", QSSI, 12/19/03.
"RASS Release 8.3.0.0 Needs Statement", QSSI, 12/09/03.
"RASS Release 8.3.0.0 Project Plan", QSSI, 12/09/03.
"RASS Release 8.3.0.0 Feasibility Study", QSSI, 12/09/03.
"RASS Release 8.3.0.0 Cost/Benefit Analysis", QSSI, 12/09/03.
"RASS Release 8.3.0.0 System Decision Paper", QSSI, 12/09/03.
"RASS Release 8.3.0.0 Risk Analysis", QSSI, 12/09/03.

Release 8.2.0.0
"RASS Release 8.2.0.0 System Test Results and Evaluation Report", QSSI, 11/21/03.
"RASS Release 8.2.0.0 Database Specifications Document", QSSI, 11/13/03.

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Release 8.2.0.0
"RASS Release 8.2.0.0 System Specifications Document", QSSI, 11/13/03.
"RASS Release 8.2.0.0 Functional Requirements Document", QSSI, 10/21/03.
"RASS Release 8.2.0.0 Unit Test Plan", QSSI, 10/20/03.
"RASS Release 8.2.0.0 Project Plan", QSSI, 10/09/03.

Releases 8.0.0.0 & 8.1.0.0
"RASS Releases 8.0.0.0 & 8.1.0.0 Maintenance Manual", QSSI, 06/17/03.
"RASS Releases 8.0.0.0 & 8.1.0.0 Operations Manual", QSSI, 06/17/03.
"RASS Releases 8.0.0.0 & 8.1.0.0 Unit Test Plan", QSSI, 06/17/03.
"RASS Releases 8.0.0.0 & 8.1.0.0 User's Manual", QSSI, 06/17/03.
"RASS Releases 8.0.0.0 & 8.1.0.0 User's Manual Appendix", QSSI, 06/17/03.
"RASS Releases 8.0.0.0 & 8.1.0.0 System Specifications Document", QSSI, 04/30/03.
"RASS Releases 8.0.0.0 & 8.1.0.0 Program Specifications Document", QSSI, 04/30/03.
"RASS Releases 8.0.0.0 & 8.1.0.0 Validation and Verification Plan", QSSI, 04/30/03.
"RASS Releases 8.0.0.0 & 8.1.0.0 Training Plan", QSSI, 04/30/03.
"RASS Releases 8.0.0.0 & 8.1.0.0 Database Specifications Document", QSSI, 04/30/03.
"RASS Releases 8.0.0.0 & 8.1.0.0 Data Requirements Document", QSSI, 03/18/03.
"RASS Releases 8.0.0.0 & 8.1.0.0 Functional Requirements Document", QSSI, 03/18/03.
"RASS Releases 8.0.0.0 & 8.1.0.0 System Support & Acquisition Plan", QSSI, 03/18/03.
"RASS Releases 8.0.0.0 & 8.1.0.0 System Security & Privacy Plan", QSSI, 03/18/03.
"RASS Release 8.0.0.0 Needs Statement", QSSI, 01/10/03.
"RASS Release 8.0.0.0 Project Plan", QSSI, 01/10/03.
"RASS Release 8.0.0.0 Feasibility Study", QSSI, 01/10/03.
"RASS Release 8.0.0.0 Cost/Benefit Analysis", QSSI, 01/10/03.
"RASS Release 8.0.0.0 System Decision Paper", QSSI, 01/10/03.
"RASS Release 8.0.0.0 Risk Analysis", QSSI, 01/10/03.

Release 7.1.0.0
"RASS Release 7.1.0.0 User's Manual", Accenture, 01/25/2002.
"RASS Release 7.1.0.0 Integration Test Results and Evaluation Report", Accenture, 01/25/2002.
"RASS Release 7.1.0.0 System Test Results and Evaluation Report", Accenture, 01/25/2002.
"RASS Release 7.1.0.0 Release Notes", Accenture, 01/22/2002.
"RASS Release 7.1.0.0 Test Plan", Accenture, 12/18/2001.
"RASS Release 7.1.0.0 Validation, Verification, and Testing Plan", Accenture, 12/11/2001.
"RASS Release 7.1.0.0 System/Subsystem Specifications", Accenture, 11/15/2001.
"RASS Release 7.1.0.0 Database Specifications", Accenture, 11/15/2001.
"RASS Release 7.1.0.0 Program Specifications", Accenture, 11/15/2001.
"RASS Release 7.1.0.0 System Support and Acquisition Plan", Accenture, 11/06/2001.
"RASS Release 7.1.0.0 Functional Requirements Document", Accenture, 11/06/2001.
"RASS Release 7.1.0.0 Data Requirements Document", Accenture, 11/06/2001.
"RASS Release 7.1.0.0 System Security and Privacy Plan", Accenture 11/06/2001.
"RASS Release 7.1.0.0 Needs Statement", Accenture, 10/22/01.
"RASS Release 7.1.0.0 Project Plan", Accenture, 10/22/01.
"RASS Release 7.1.0.0 Feasibility Study", Accenture, 10/22/01.

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"RASS Release 7.1.0.0 Cost/Benefit Analysis", Accenture, 10/22/01.
"RASS Release 7.1.0.0 Risk Analysis", Accenture, 10/22/01.

Release 7.0.0.0
"RASS Release 7.0.0.0 User's Manual", Accenture, 09/21/2001.
"RASS Release 7.0.0.0 System Decision Paper", Accenture, 09/21/01.
"RASS Release 7.0.0.0 Maintenance Manual", Accenture, 09/21/2001.
"RASS Release 7.0.0.0 Operations Manual", Accenture, 09/21/2001.
"RASS Release 7.0.0.0 Installation and Conversion Plan", Accenture, 09/21/2001.
"RASS Release 7.0.0.0 Integration Test Results and Evaluation Report", Accenture, 09/21/2001.
"RASS Release 7.0.0.0 System Test Results and Evaluation Report", Accenture, 08/30/3001.
"RASS Release 7.0.0.0 Release Notes", Accenture, 08/08/2001.
"RASS Release 7.0.0.0 Test Plan", Accenture, 07/19/2001.
"RASS Release 7.0.0.0 Training Plan", Accenture, 06/20/2001.
"RASS Release 7.0.0.0 Validation, Verification, and Testing Plan", Accenture, 06/20/2001.
"RASS Release 7.0.0.0 System/Subsystem Specifications", Accenture, 06/08/2001.
"RASS Release 7.0.0.0 Database Specifications", Accenture, 06/08/2001.
"RASS Release 7.0.0.0 Program Specifications", Accenture, 06/08/2001.
"RASS Release 7.0.0.0 Project Schedule/ Workplan", Accenture, 05/31/2001.
"Accenture Quality Control Plan", Accenture, 05/31/2001.
"RASS Release 7.0.0.0 System Support and Acquisition Plan", Accenture, 05/14/2001.
"RASS Release 7.0.0.0 Functional Requirements Document", Accenture, 05/14/2001.
"RASS Release 7.0.0.0 Data Requirements Document", Accenture, 05/14/2001.
"RASS Release 7.0.0.0 System Security and Privacy Plan", Accenture 05/14/2001.
"RASS Release 7 Multifamily Functionality Business Requirements Document (draft)", Version 1.1, KPMG, 04/25/2001.
"FY2001 Resident Assessment Risk Assessment (Update)", Accenture, 05/15/2001.
"FY2001 Resident Assessment Feasibility Study (Update)", Accenture, 05/15/2001.
"FY2001 Resident Assessment Cost/Benefit Analysis (Update)", Accenture, 05/15/2001.
"FY2001 Resident Assessment Project Plan (Update)", Accenture, 05/15/2001.
"FY2001 Resident Assessment Needs Statement (Update)", Accenture, 05/15/2001.

1.5 Terms and Abbreviations

The following table defines terms and acronyms used throughout the SDM Define Phase Documentation for RASS Release 8.4.0.0.

Term	Definition
APP	HUD Annual Performance Plan
BAH	Booz-Allen & Hamilton
BOP	Business Operating Plan
BRD	Business Requirements Document
DCG	Development Coordination Group
FRD	Functional Requirements Document

1.0 General Information

Term	Definition
FYE	Fiscal Year End
HA	Housing Agency/Housing Authority
HUD	Department of Housing and Urban Development
HUDCAPS	HUD Central Accounting and Program System
HUDWeb	HUD's Intranet Web Site
JAD	Joint Application Development
MF	Multifamily
MFH	Multifamily Housing
NASS	Integrated Assessment Subsystem
NCS/Pearson	National Computer Services/Pearson
OMB	Office of Management and Budget
PDF	Portable Document Format
PHA	Public Housing Agency/Public Housing Authority
PHAS	Public Housing Assessment System
PIC	PIH Information Center
PIH	Public and Indian Housing
POC	Point of Organizational Contact
QSSI	Quality Software Services, Inc.
RASS	Resident Assessment Subsystem
REAC	Real Estate Assessment Center
REACS	Real Estate Assessment Center System
SDM	Housing and Urban Development System Development Methodology
SOA	Section of the Act
TAC	Technical Assistance Center (formerly the Customer Service Center)
TARC	Troubled Agency Recovery Center
TRACS	Tenant Rental Assistance Certification System
TBD	To Be Defined
WASS	Web Access Security System

1.6 Points of Contact

1.6.1 Information

The following table lists Points of Organizational Contact (POCs) that may be beneficial for future reference.

Contact Name	Organization	Telephone Number
Lynda L. Zelnick	HUD – Contracting Officer	202-708-1772 ext.7126
Marian Loudon	HUD – GTR	202-708-1817 ext.7165
Delton Nichols	REAC – RASS Project Manager	202-708-4932 ext.3115
Yangja K. Lee	REAC – RASS GTM/IT Manager	202-708-4932 ext.3081

1.0 General Information

Contact Name	Organization	Telephone Number
Kevin N. Jones	REAC – RASS Assistant IT Manager	202-708-4932 ext.3111
Patrick Evans	BAH	202-708-4932 ext.3021
Gautam Ijoor	QSSI	202-708-4932 ext.3307
Alex Rozental	QSSI	202-708-4932 ext.3495
Eugene Lubarsky	QSSI	202-708-4932 ext.3214
Tanuj Sinha	QSSI	202-708-4932 ext.3499
Robin Hilton	QSSI	202-708-4932 ext.3469
Theresa Han	QSSI	202-708-4932 ext.3214
Robert Armstrong	QSSI	202-708-4932 ext.3929

Contact	Contact Information
RASS System Administrator	Delton Nichols, in coordination with the WASS subsystem, will facilitate RASS system administration as needed. 202-708-4932 ext.3115
REAC Technical Assistance Center	1-888-245-4860
REAC RASS E-mail address	REAC_RASS@hud.gov
REAC Internet Site	http://www.hud.gov/offices/reac/index.cfm
REAC RASS Internet Site	http://www.hud.gov/offices/reac/products/prodrass.cfm
REAC Intranet Site	http://hudweb.hud.gov/po/reac
HUD Customer Service Center Branch	1-202-708-3300

1.6.2 Coordination

Coordination must occur among the following organizations to successfully implement RASS Release 8.4.0.0:

Organization	Support Function
Paradigm	Development Coordination, Installation, Deployment
HUD IT	Implementation Coordination, Installation, Deployment
Mandaree/Pea rson	Survey Administrator: Resident Communication/Survey Support
QSSI	Requirements, Design, Development, Testing, Maintenance, Technical Support /Operations, Project Management.
REAC	Business Requirements Support, Project Management
WASS	Security

2.0 DATA DESCRIPTION

2.0 Data Description

2 DATA DESCRIPTION

2.1 Logical Database Design

RASS Release 8.4.0.0 will not require modifications to the current reacs data model.

2.2 Data Characteristics and Categorization

No new data elements are required for storing information associated with Release 8.4.0.0

2.2.1 Static Data

There are no new static input data elements for RASS Release 8.4.0.0.

2.2.1 Dynamic Input Data

There are no new dynamic input data elements for RASS Release 8.4.0.0.

2.2.2 Dynamic Output Data

There are no new dynamic output data elements for RASS Release 8.4.0.0.

2.2.3 Internally Generated Data

The RASS system will be using existing tables in the reacs database to store the data required for the RASS Release 8.4.0.0.

2.3 Data Constraints

RASS data constraints focus primarily on the limitations of the Sybase 12.5 database server. The following table lists datatype limitations specific to the Sybase 12.5 database environment:

Datatype	Range
char – Character	1 to 255
text	Up to 2,147,483,647 characters
datetime	Jan 1, 1973 to Dec 31, 9999 at 3-millisecond intervals
smalldatetime	Jan 1, 1990 to Jun 6, 2079 at 1 second intervals
int (integer)	± 2,147,483,647

2.0 Data Description

Datatype	Range
smallint	$\pm 32,767$
tinyint	0 through 255
float	Machine-dependent
double precision	Machine-dependent
real	Machine-dependent
money	$\pm \$922,337,203,685,477.5087$

2.0 Data Description

2.4 Data Retention

Data retention requirements for RASS Release 8.4.0.0 involve the following:

- Business data will be stored in the Sybase database.
- Data will not be removed from the database unless authorized by the REAC System Coordinator.

HUD IT and DCG are responsible for storing and maintaining archived data from the REACS database. Refer to HUD Handbook 2229.1 Records Disposition Scheduling for Automated System for further information on data retention.

2.5 Impacts

The overall level of data storage required to support RASS will not increase with the implementation of Release 8.4.0.0.

2.5.1 Equipment

For more information regarding RASS equipment, reference Section 2.1 of the System Software and Acquisition Plan for Release 8.4.0.0.

2.5.2 Software

For more information regarding RASS equipment, reference Section 2.1.1.2 of the System Software and Acquisition Plan for Release 8.4.0.0.

2.5.3 Organization

Internal users will be responsible for entering, updating, and maintaining the data introduced in the Release 8.4.0.0.

2.6 Data Storage

The estimated data storage requirements are as follows:

- PHA Survey Data - project_survey_response records: 270K per year
- PHA Survey Data - resident_survey_response records: 14M per year
- PHA-level section scores: 19K per year
- PHA-level question scores: 150K per year
- Project-level section scores: 85K per year
- Project-level question scores: 750K per year
- Project-level response rate numerators and denominators: 15K per year
- Multifamily Survey Data - project_survey_response records: 130K per survey cycle
- Multifamily Survey Data - resident_survey_response records: 3M per survey cycle

2.0 Data Description

- Multifamily property_level section scores: 10K per survey cycle
- Multifamily property_level question scores: 75K per survey cycle
- PHA Unit Addresses - 250M (permanent)
- PHS Survey Response Percentage Data: 1G per year
- Demographic Score Data: 1G per year
- Business Calendar Data: 5M per year
- Flagged Address Data: 20M per year

2.7 Scales of Measurement

Scales of measurement for each new data element can be found in Section 2.2 Data Characteristics and Categorization of this document.

2.8 Measurement Conversion Factors

RASS will not require measurement conversion of any data elements prior to storage in the database.

2.9 Frequency of Update and Processing

RASS will not require changes to the frequency of update and processing for RASS Release 8.4.0.0.

3.0 DATA HANDLING

3.0 Data Handling

3 DATA HANDLING

3.1 Source of Input

The following table identifies the frequency with which data are input to the RASS system:

Data Element Name	Source of Input (organization , operator, or workstation)	Frequency of input from source	Is source internal to HUD or external?	Does source interface directly with system?	Description of interfacing or transmitting source
PHA Unit Addresses	PIC	Quarterly	Internal	Yes	BCP
Survey Results	Survey Administrator	Quarterly	External	Yes	Internet
PHA Implementation Plan Dates and Optional Activities	PHA	Quarterly	Internal	Yes	Internet
PHA Follow-up Plan Dates and Funding Source	PHA	Quarterly	Internal	Yes	Internet
PHA Language Selection	PHA	Quarterly	Internal	Yes	Internet
Multifamily Reference Data	REMS	Quarterly	Internal	No	Intranet
Multifamily Unit Addresses	TRACS	Quarterly	Internal	No	FTP

3.2 Medium and Device

3.2.1 Input Medium and Device

Data will be submitted online, via the Internet. Public Housing Agencies (PHAs) and the Survey Administrator will login through Secure Systems and then connect to RASS. Users must have a web browser such as Microsoft Internet Explorer or Netscape Communicator to submit their data. PHA Unit Address data will be updated through a batch interface with the PIC system which will be executed approximately four times per annum prior to the sampling process. Field Office Reports and User Guidance file uploads will be generated and executed via the Internet.

3.0 Data Handling

3.2.2 Output Medium and Device

Since RASS is an online system, the output medium is the World Wide Web. REAC employees, PHAs and the Survey Administrator can access RASS over the internet.

3.3 Recipients

The following organizations will have access to RASS data depending on their assigned security roles:

- REAC Employees
- Field Offices
- Public Housing Agencies
- Multifamily Owners/Agents
- Survey Administrator

3.4 Data Collection Procedures

There will be no change to the current data collection procedures as a result of implementing Release 8.4.0.0.

3.5 User Access

The following tables outlines the users of the RASS system and their respective permissions:

User Name:	Create	Read	Update	Delete
REAC RASS Manager	X	X	X	X
REAC RASS Coordinator	X	X	X	
REAC RASS Statistician	X	X	X	
PHA Submitter	X	X	X	X
PHA Certifier	X	X	X	X
Third Party Contractor	X	X	X	
Guest		X		
Multifamily Housing Owner or Agent		X		
Multifamily Housing Reviewing		X		

3.6 Error Handling

RASS performs data validation before the data is transmitted to the REAC servers. Therefore, if data is not correctly formatted, the user will receive an error message and will be unable to execute the transmission. In addition, data is validated prior to being stored in the database.

3.0 Data Handling

3.7 Data Responsibilities

The Development Coordination Group (DCG), an organization within REAC, monitors RASS data. DCG is responsible for managing the data for all REAC subsystems.

3.8 Security

DCG is responsible for the security of RASS data. In addition, the Web Access Security System (WASS) is responsible for guaranteeing secure connections for the HUD REAC Enterprise System.